

FIG. 1

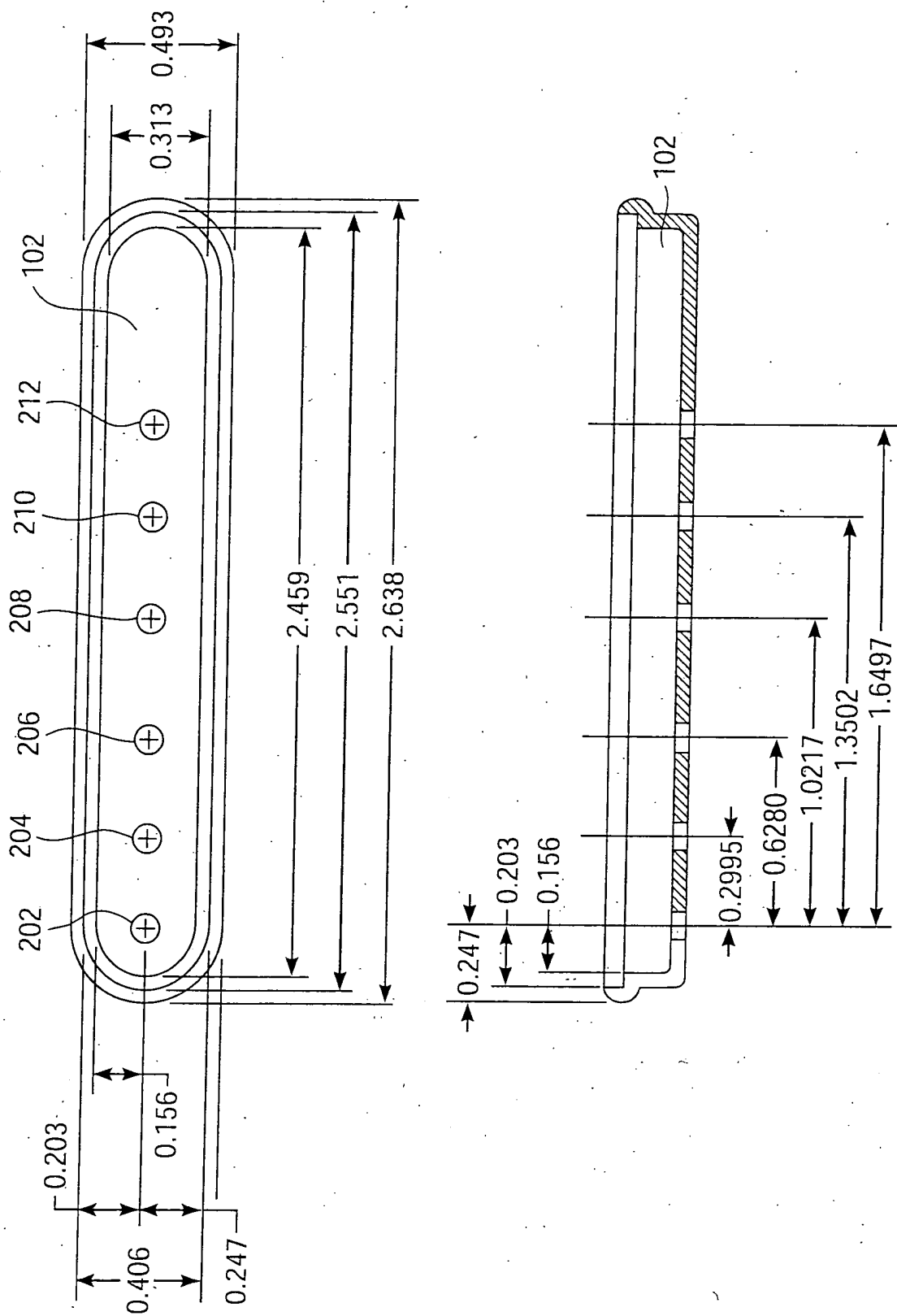


FIG. 2

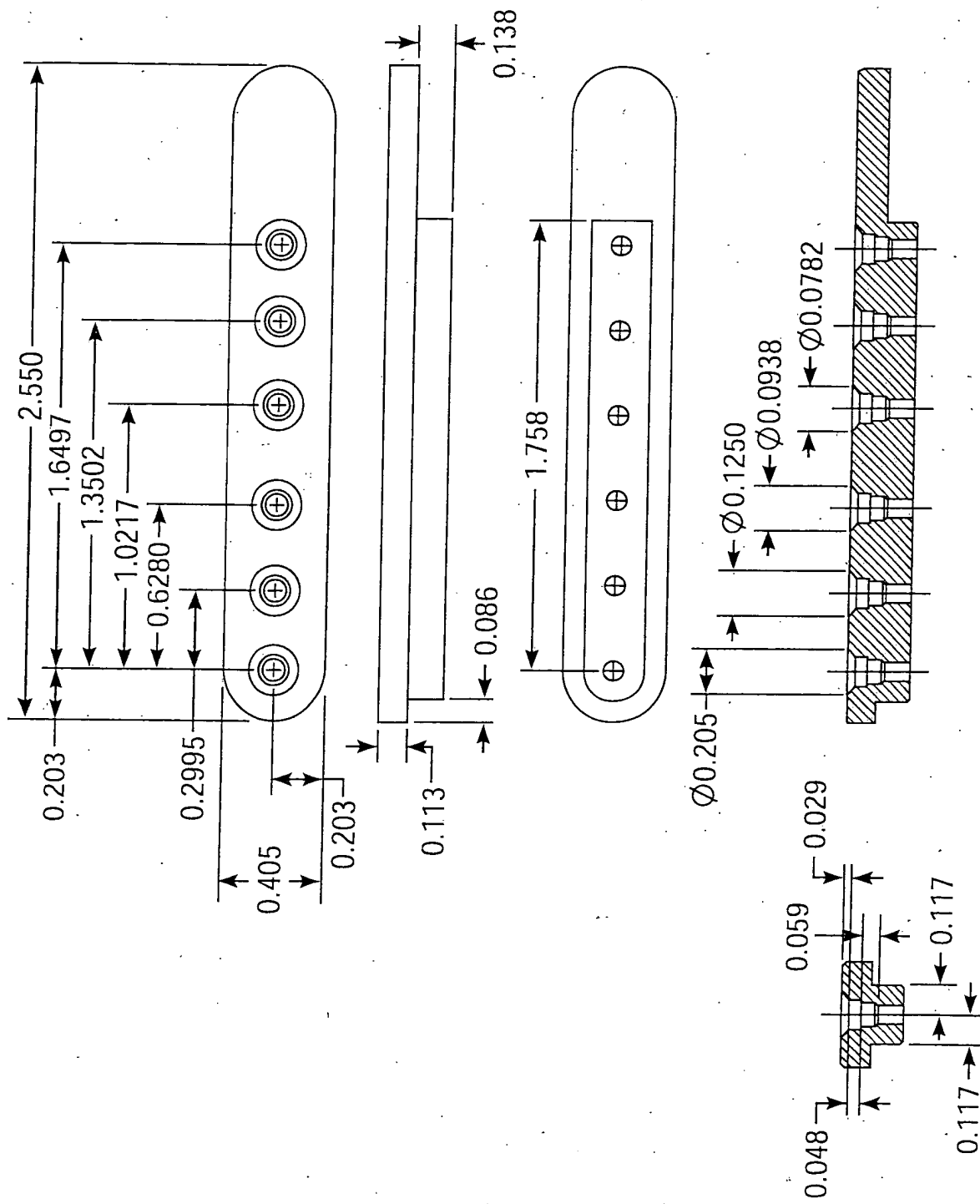
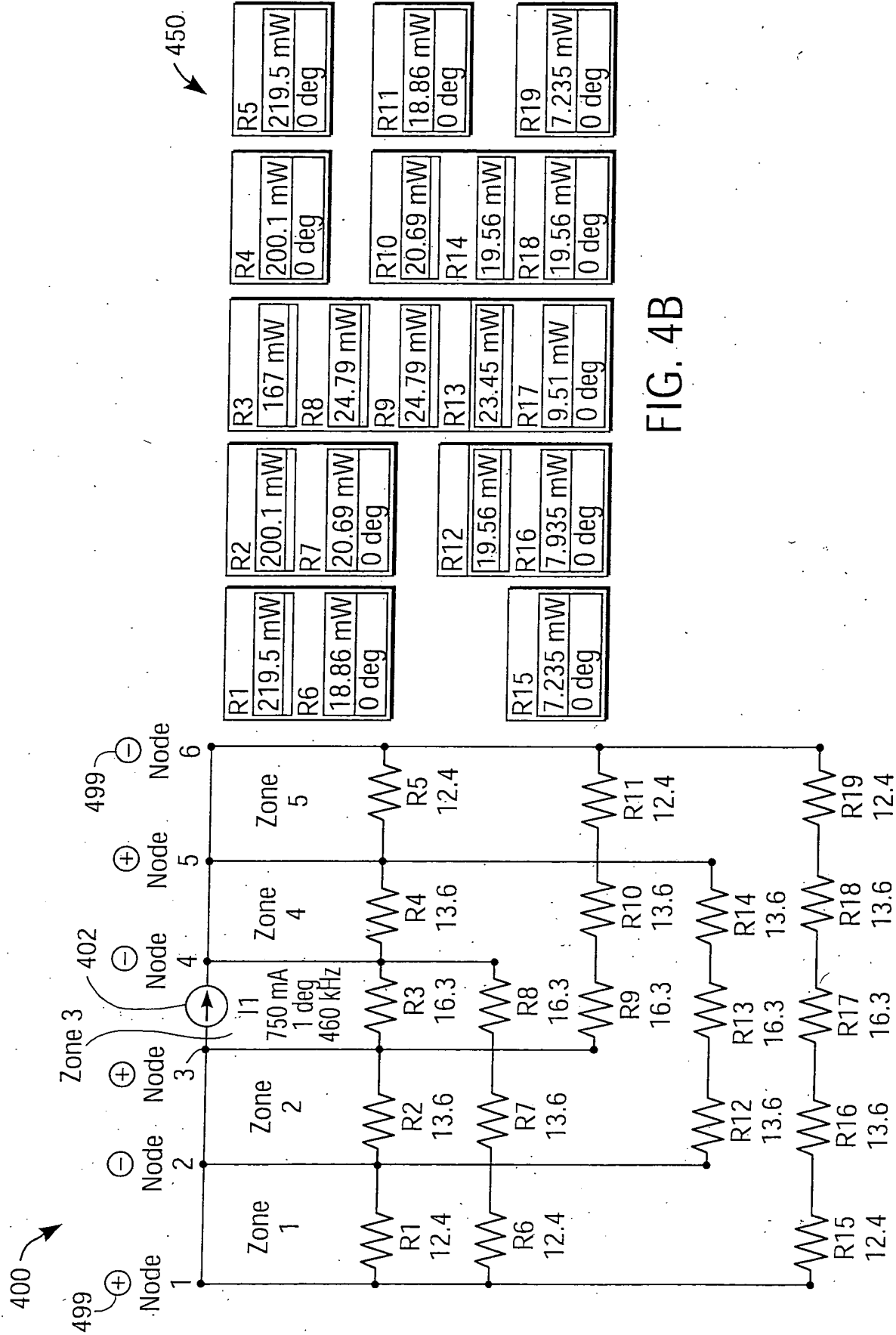


FIG. 3



450

R1	219.5 mW
R6	18.86 mW
R5	219.5 mW
R4	200.1 mW
R11	18.86 mW
R10	20.69 mW
R14	19.56 mW
R18	19.56 mW
R19	7.235 mW
R3	167 mW
R8	24.79 mW
R9	24.79 mW
R13	23.45 mW
R17	9.51 mW
R12	19.56 mW
R16	7.935 mW

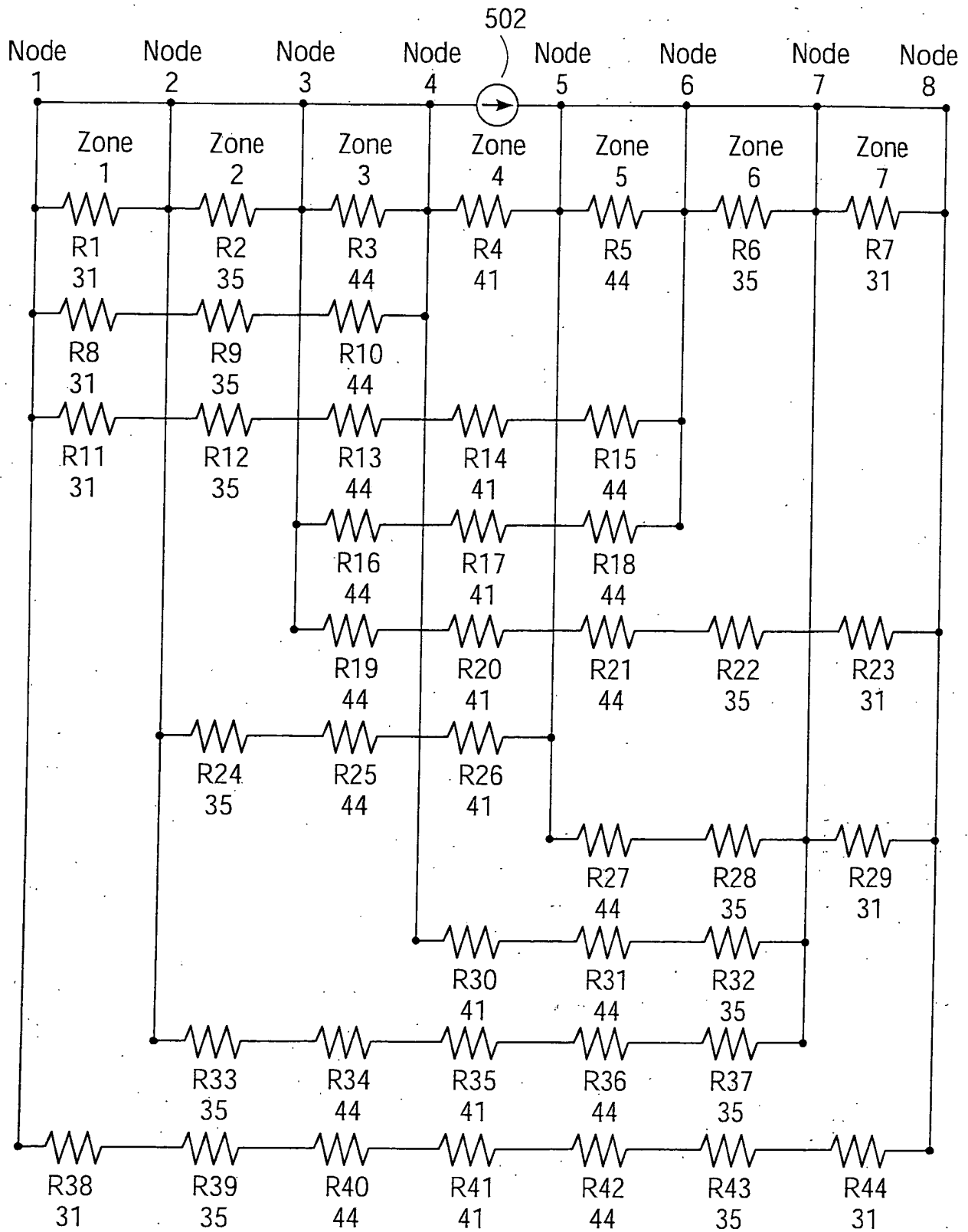
FIG. 4B

Values with Balanced Circuit 480

	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
482 ~ Total Power per Zone	219.5 18.86 7.235	200.1 20.69 19.56 7.935	167 24.79 24.79 23.45 9.51	200.1 20.69 19.56 7.935	219.5 18.86 7.235
% Error per Zone	0	-1.095299	-1.606303	-1.095299	0
"Spacing" Value per Zone	12.4	13.6	16.3	13.6	12.4
484 ~ "Spacing" Ratio per Zone	1.00	1.097	1.315	1.097	1.00
486 ~ "Spacing" Ratio per Zone	0.760736	0.834356	1	0.834356	0.760736
					4.190184

FIG. 4C

1 A, 1 Deg, 460 kHz



500

FIG. 5A

Values with Balanced Circuit ~ 580

	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6	Zone 7
	503.1	445.6	354.5	380.4	354.5	445.6	503.1
	39.96	45.11	56.71	16.82	18.05	14.36	12.71
	12.71	14.36	18.05	38.43	41.24	45.11	39.96
	7.097	37.91	41.24	16.82	18.05	37.91	7.097
		13.78	18.05	44.41	56.71	13.78	
		8.013	47.65	44.41	47.65	8.013	
			17.33	16.15	17.33		
			10.07	9.387	10.07		
582 ~ Total Power per Zone	562.87	564.77	563.60	566.83	563.60	564.77	562.87
% Error per Zone	0.00	0.34	0.13	0.70	0.13	0.34	0.00
"Spacing" Value per Zone	31	35	44	41	44	35	31
584 ~ "Spacing" Ratio per Zone	1.000	1.129	1.419	1.323	1.419	1.129	1.000
586 ~ "Spacing" Ratio per Zone	0.704545	0.795455	1	0.931818	1	0.795455	0.704545

FIG. 5C

Values with Balanced Circuit — 680					
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
	133	118.7	105.7	118.7	133
	39.36	39.36	39.36	39.36	39.36
	24.18	38	39.36	38	24.18
		24.18	38	24.18	
			24.18		
Total Current per Zone	196.54	220.24	246.6	220.24	196.54
"Spacing" Value per Zone	12.4	13.9	15.6	13.9	12.4
682 — Current Density per Zone	15.85	15.8446	15.80769	15.8446	15.85
% Error	0.0	0.0	0.3	0.0	0.0
684 — "Spacing" Ratio per Zone	1.00	1.12	1.26	1.12	1.00
686 — "Spacing" Ratio per Zone	0.79	0.89	1.00	0.89	0.79

FIG. 6C

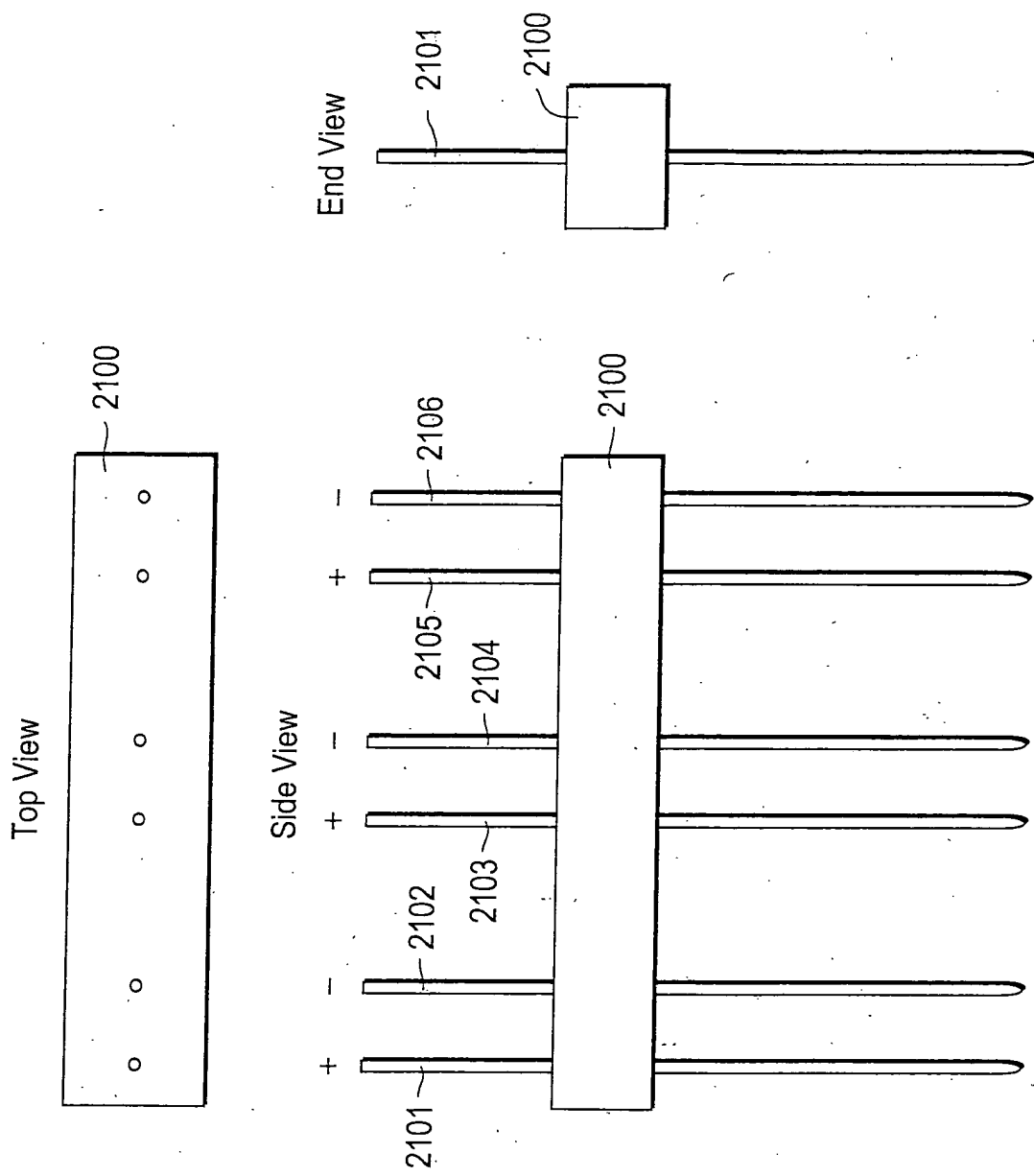


FIG. 7

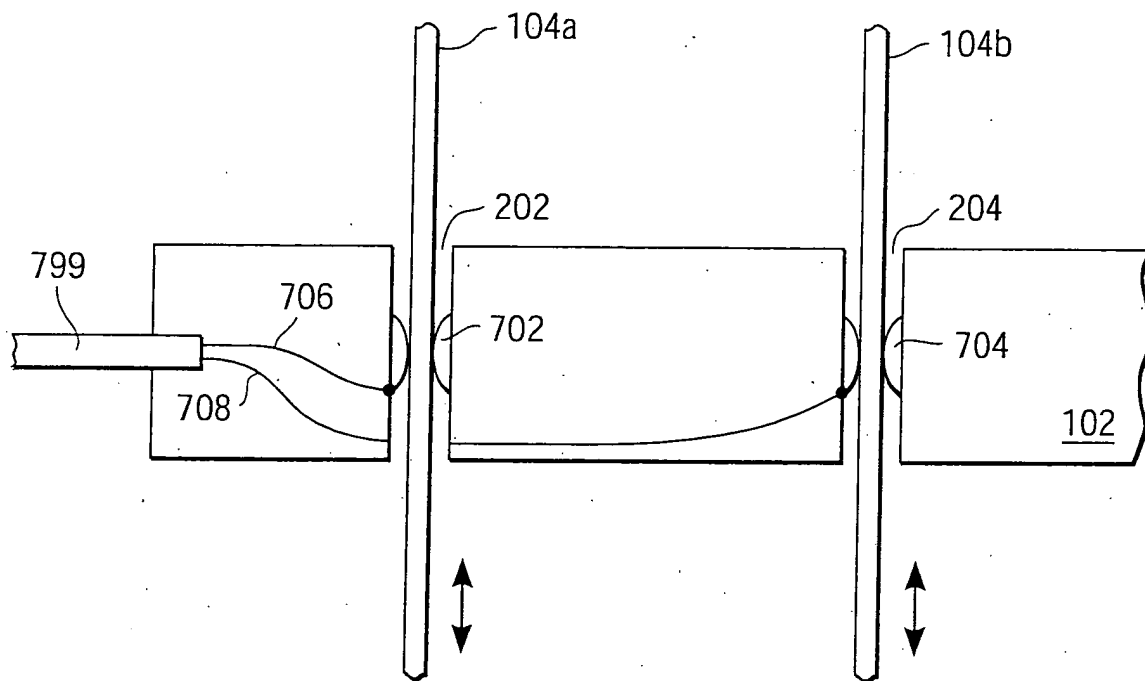
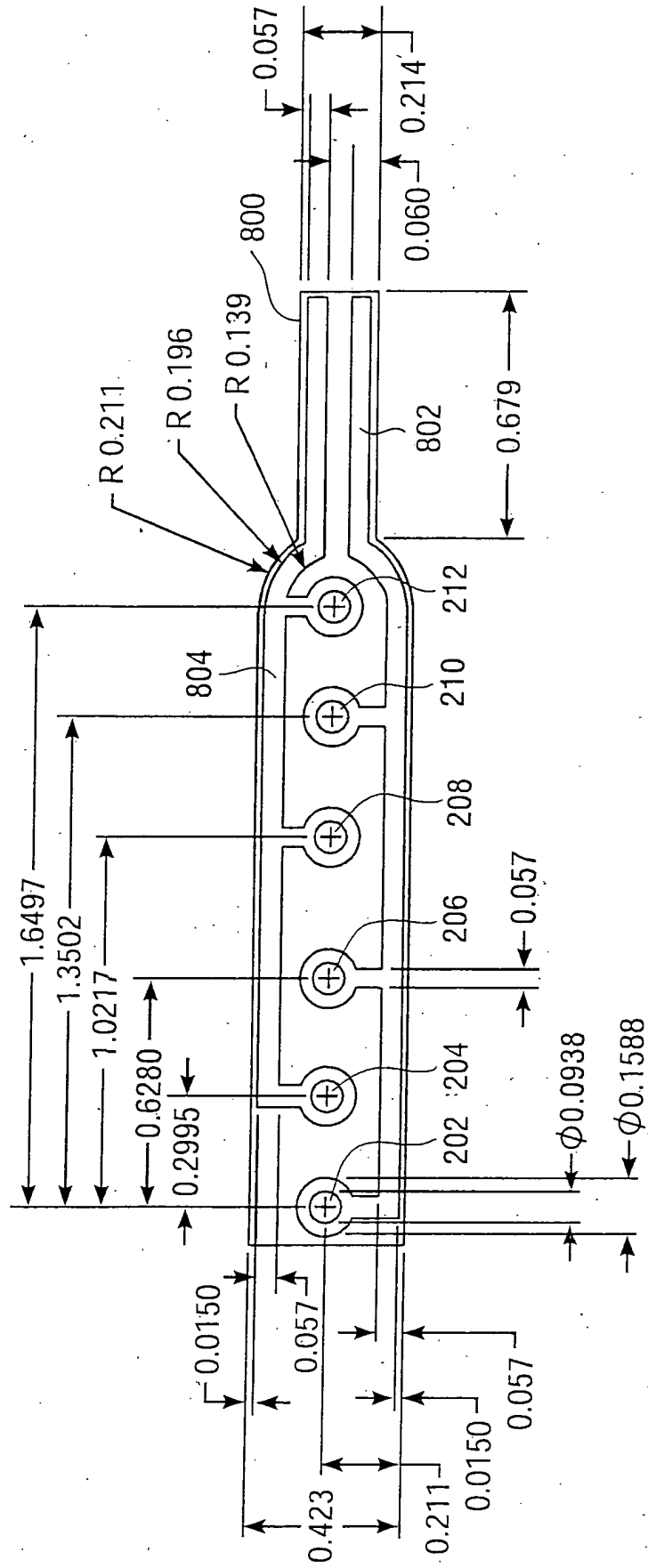


FIG. 8



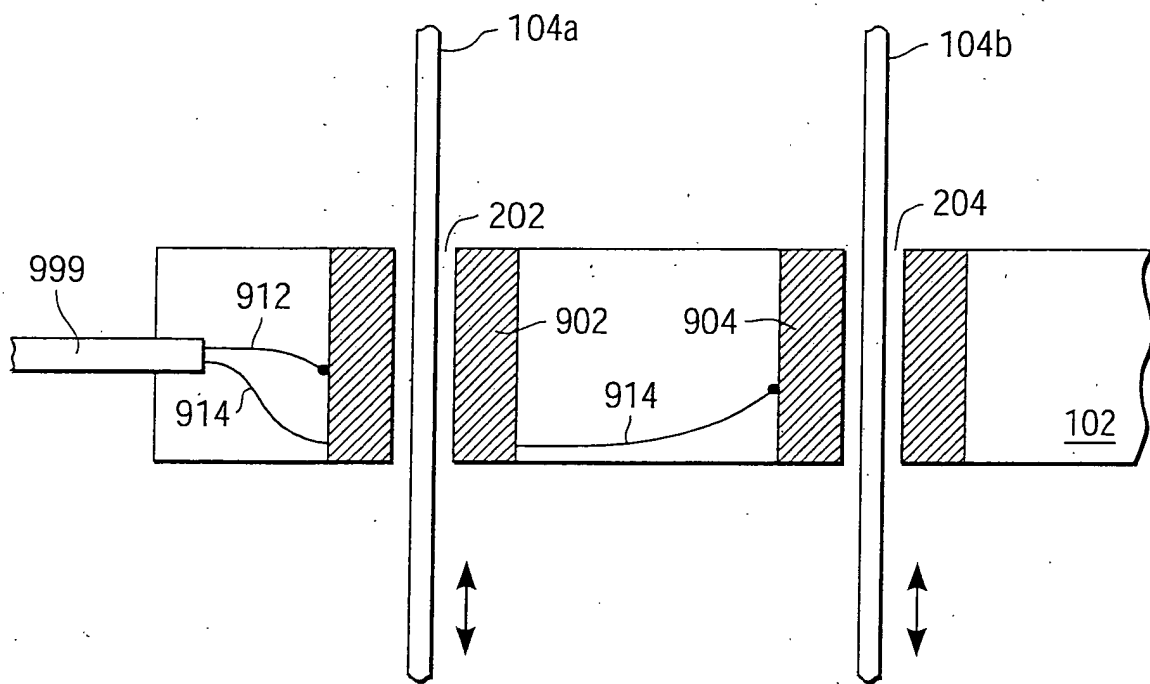


FIG. 10

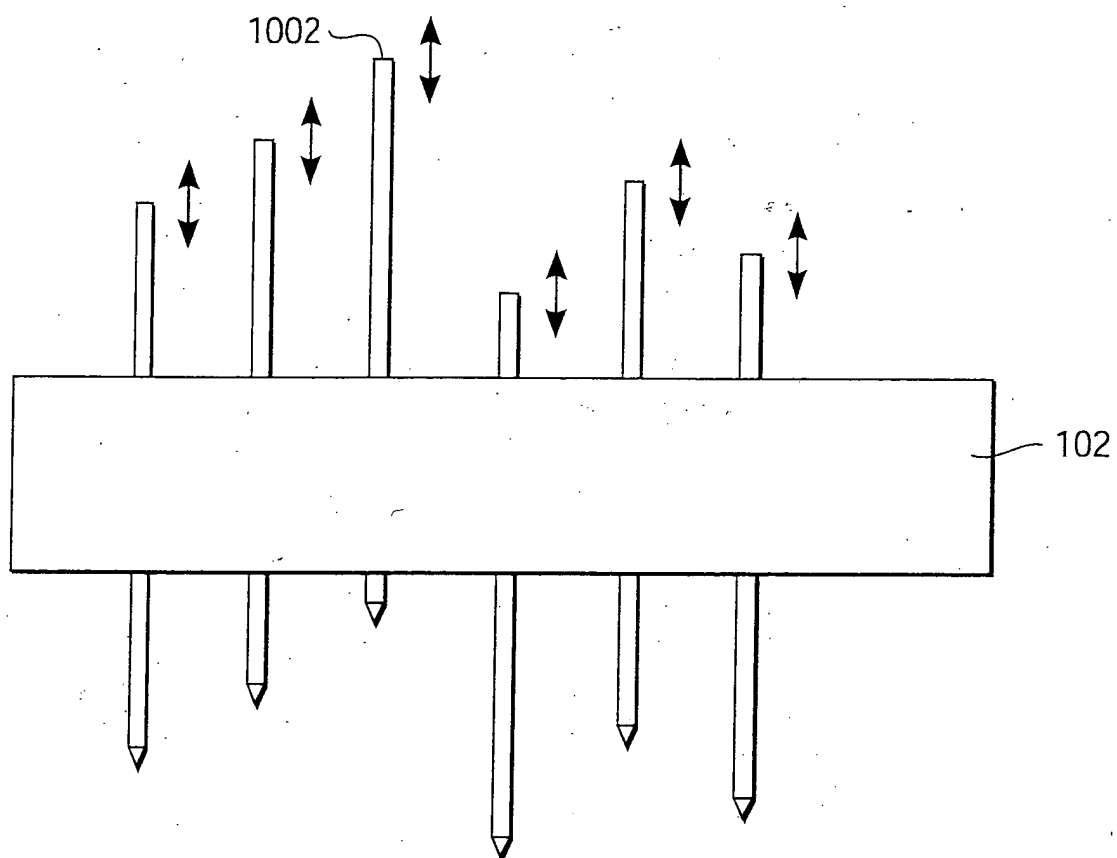


FIG. 11

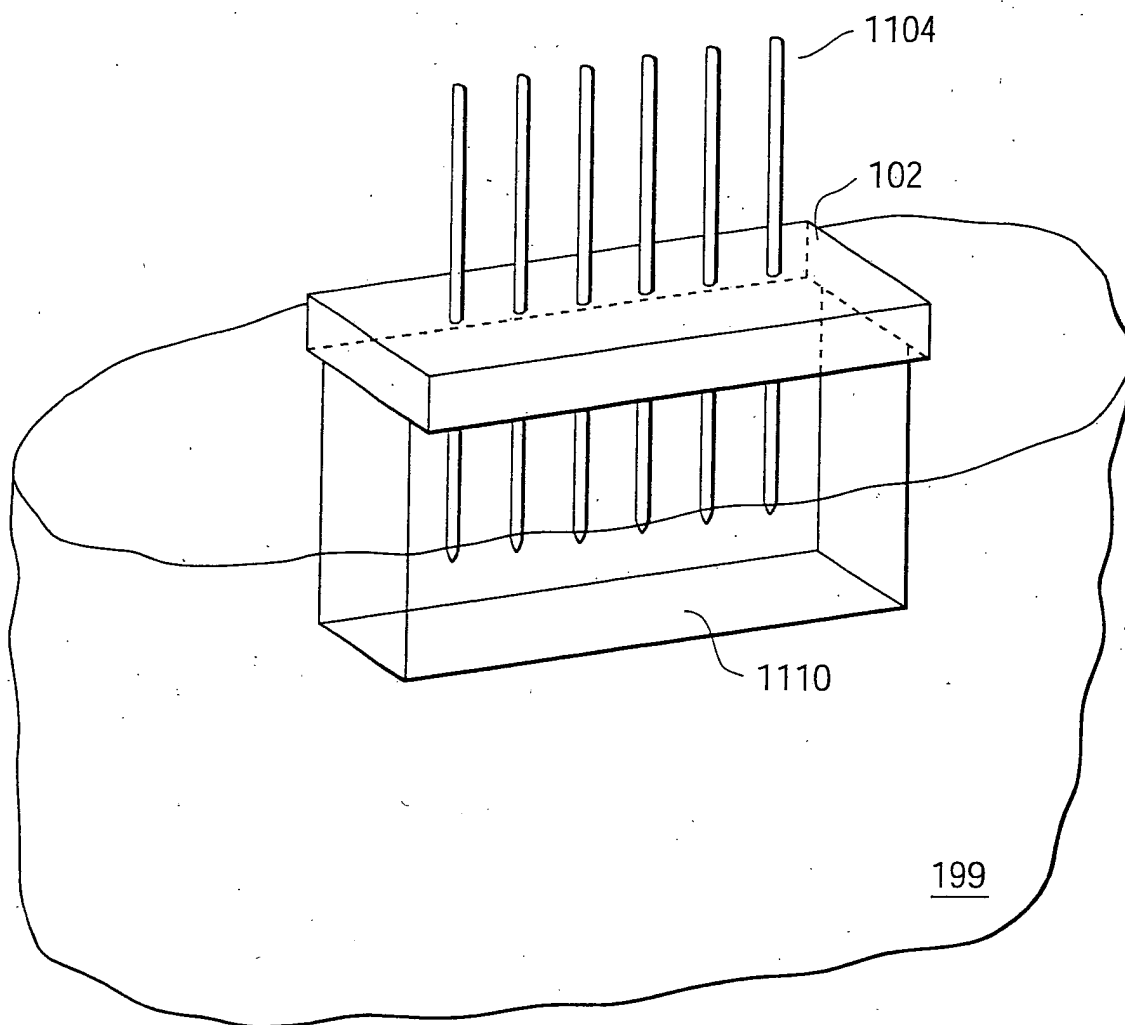


FIG. 12

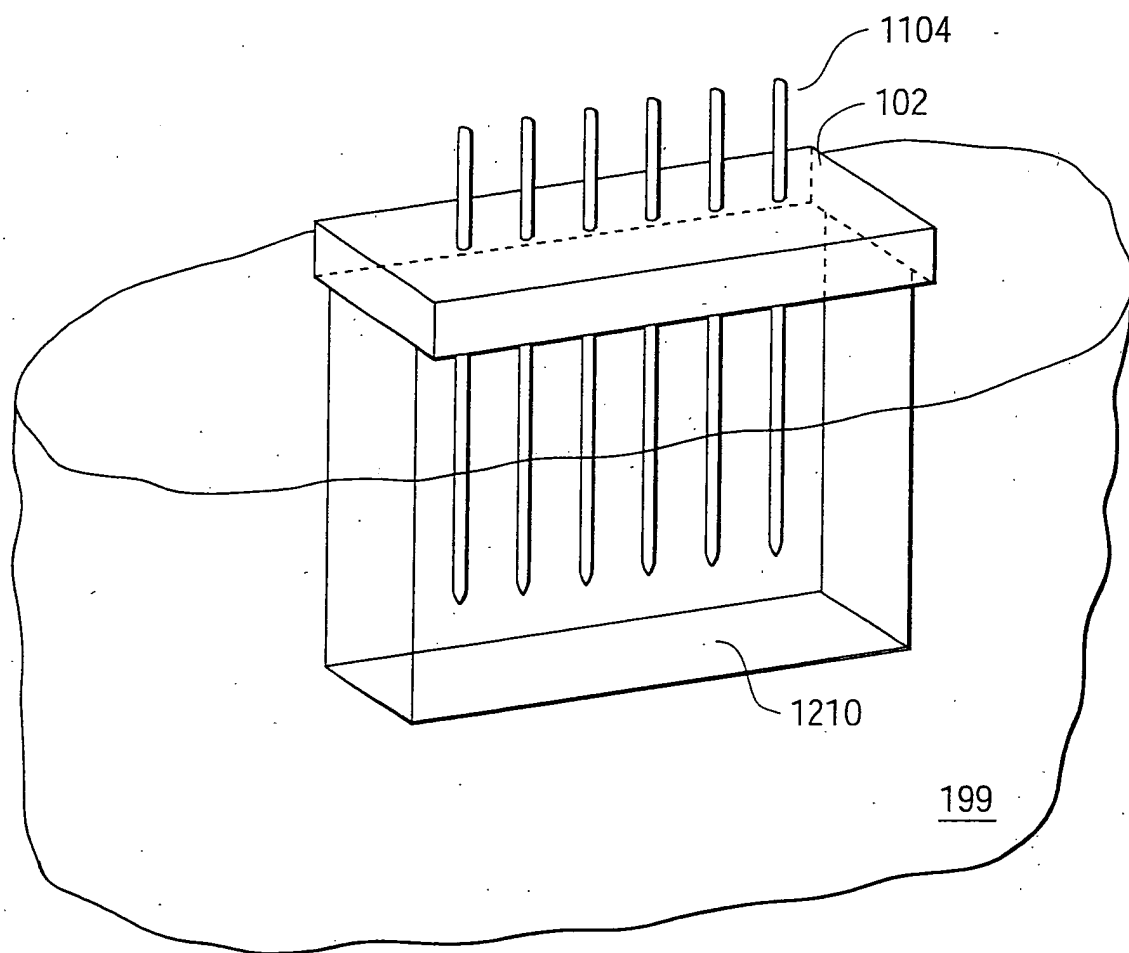


FIG. 13

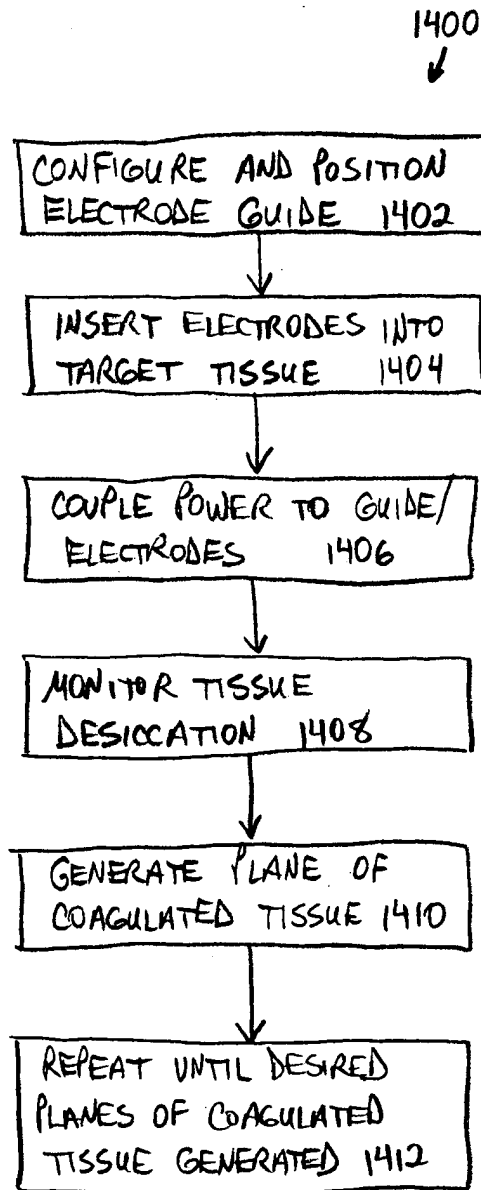


FIG. 14

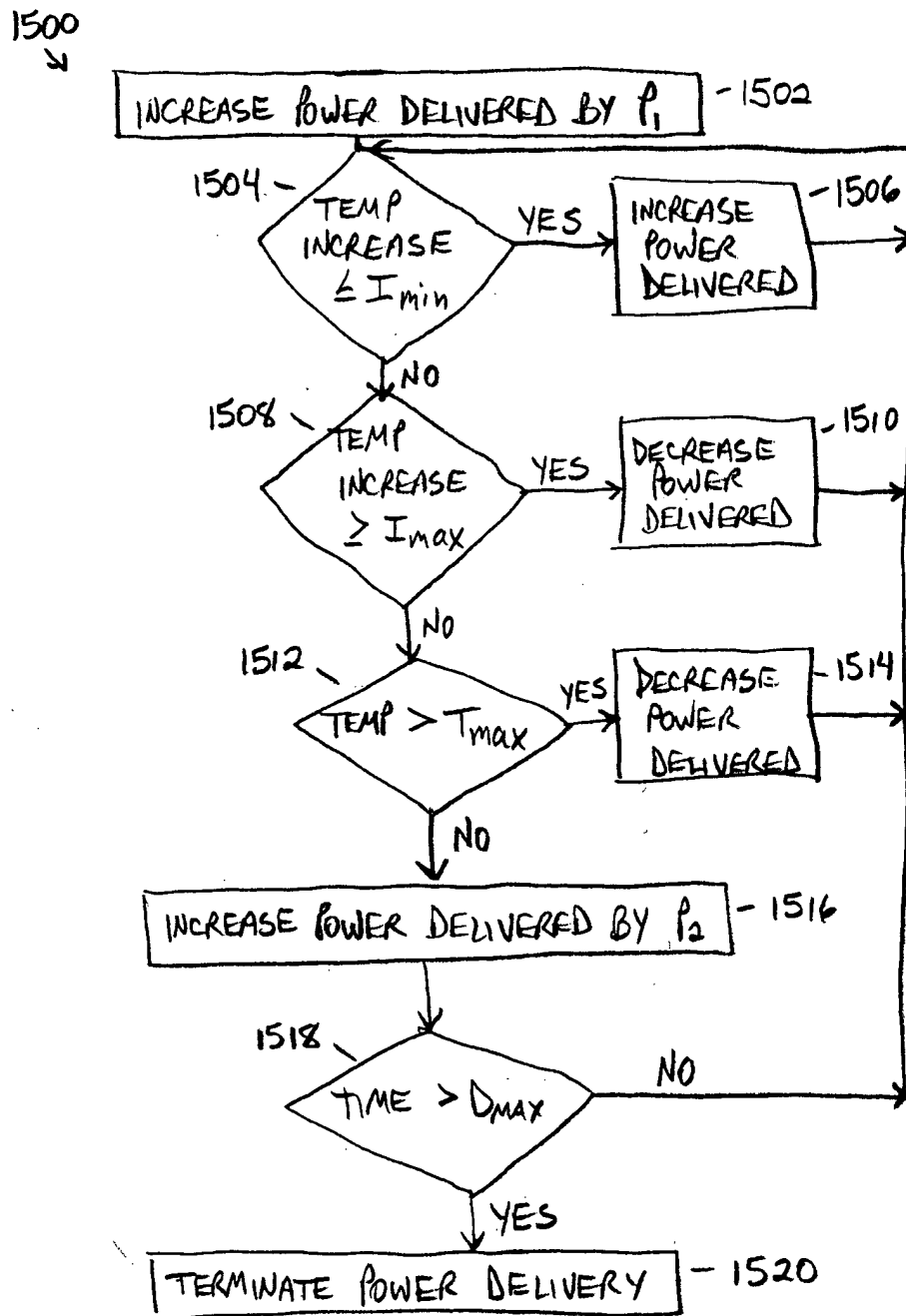


FIG. 15

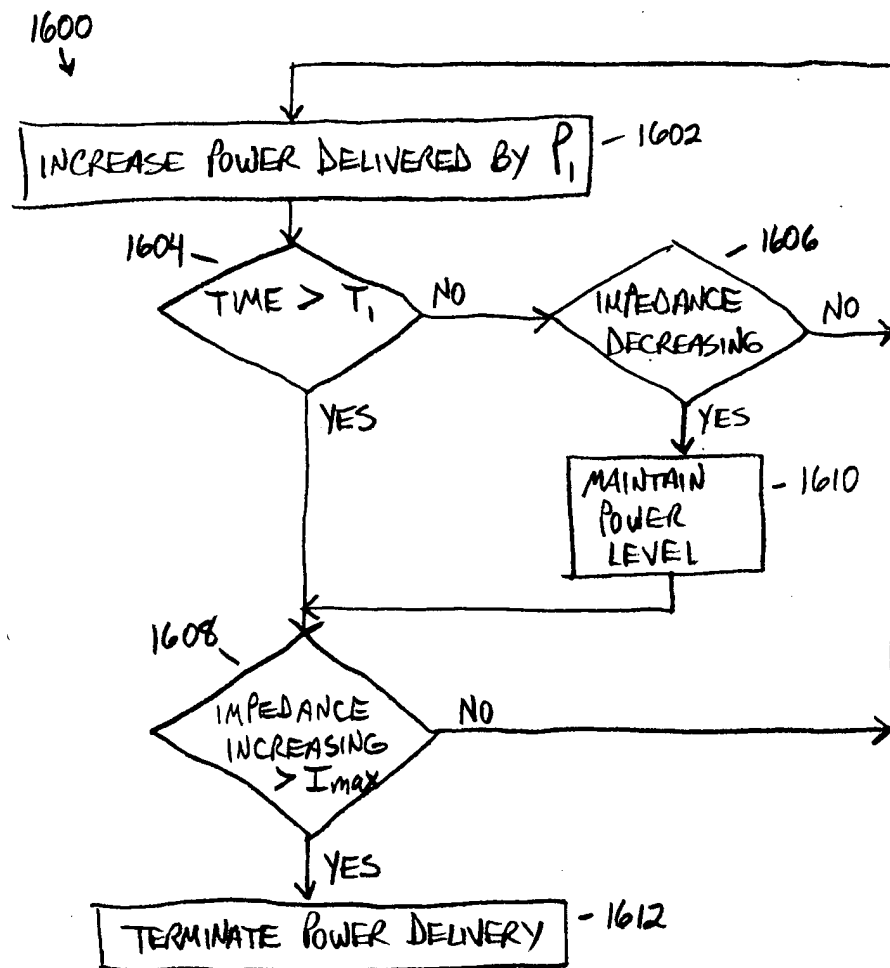


FIG. 16

1700
↓

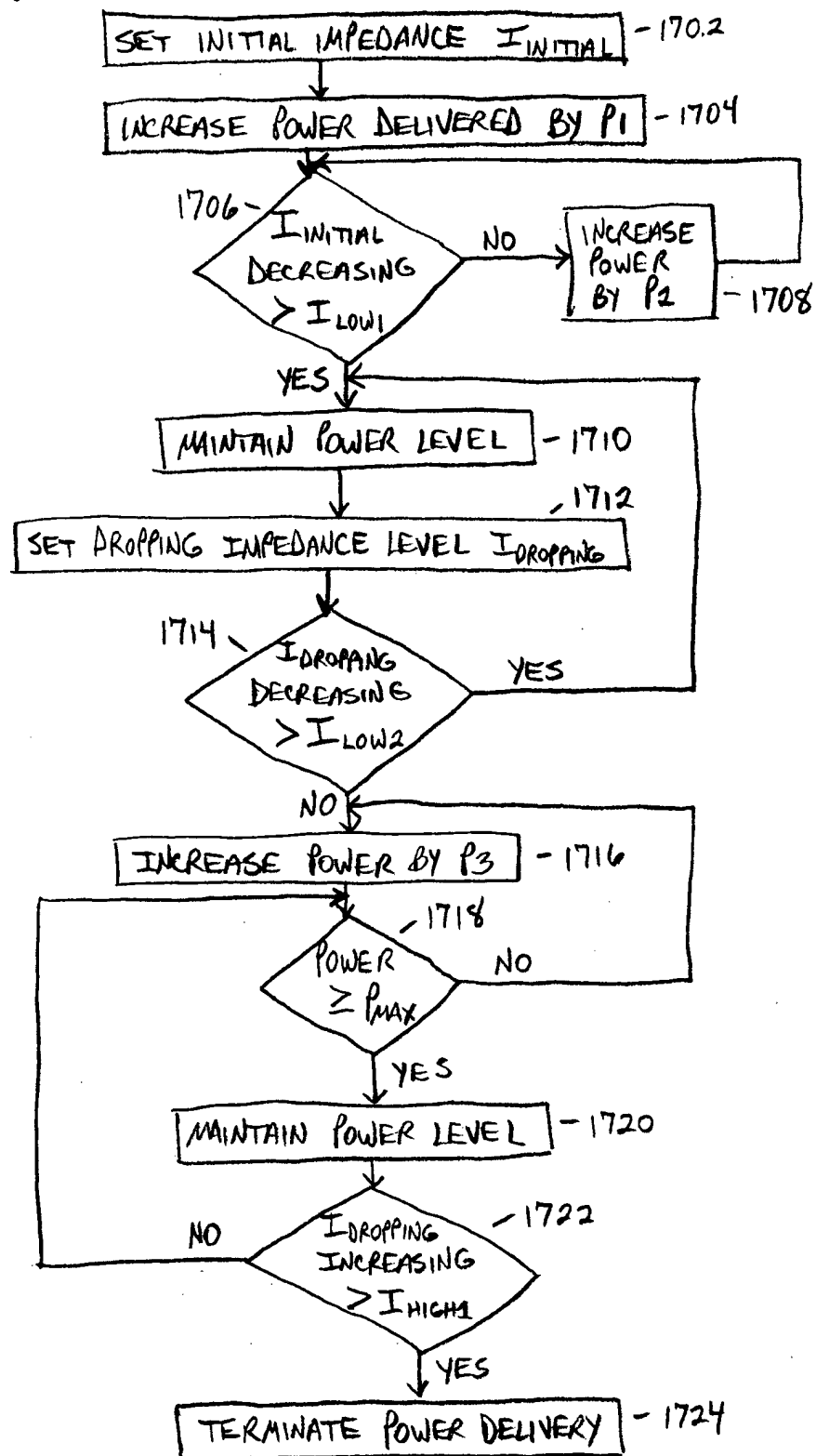


FIG. 17

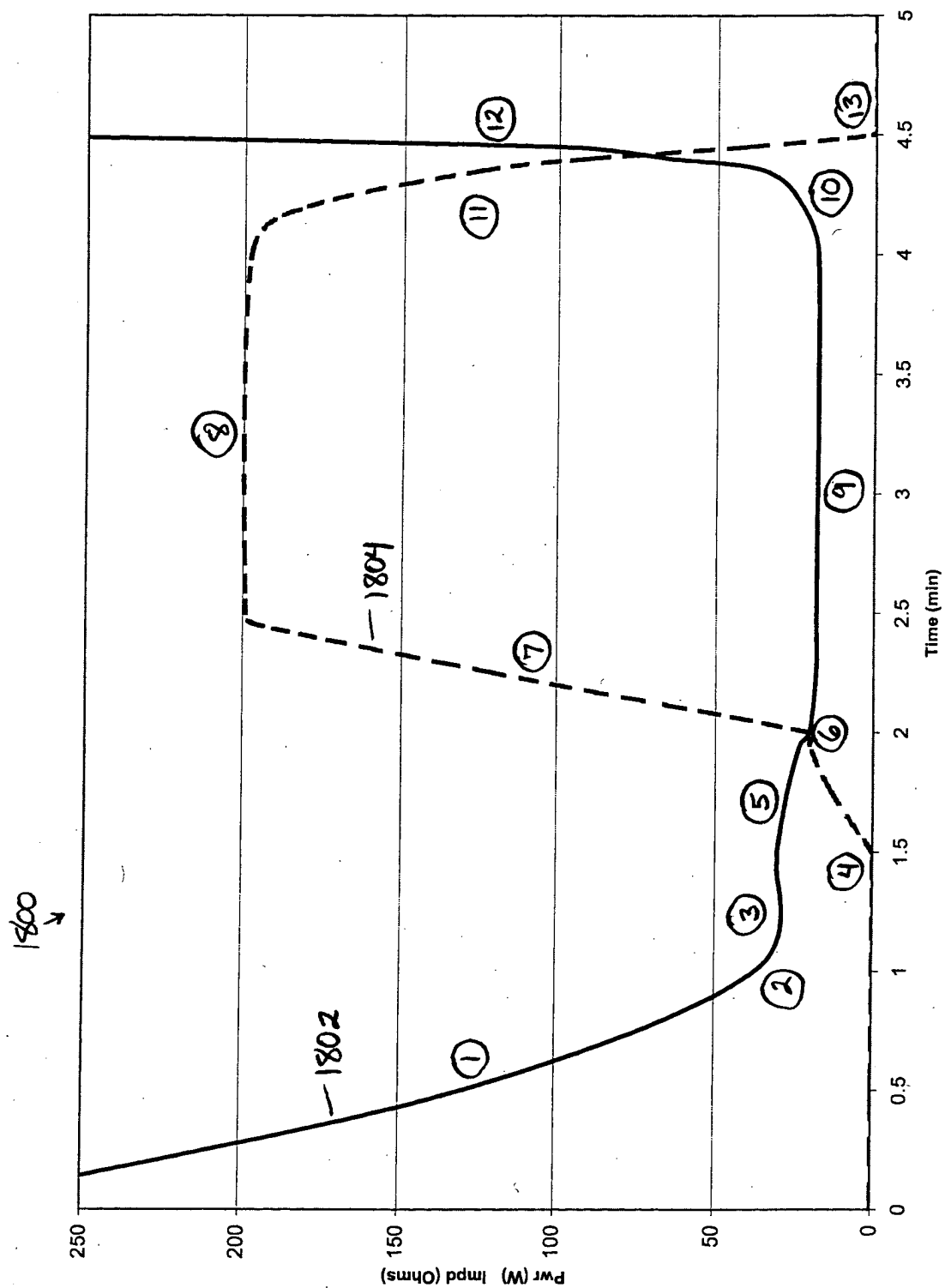


FIG. 18

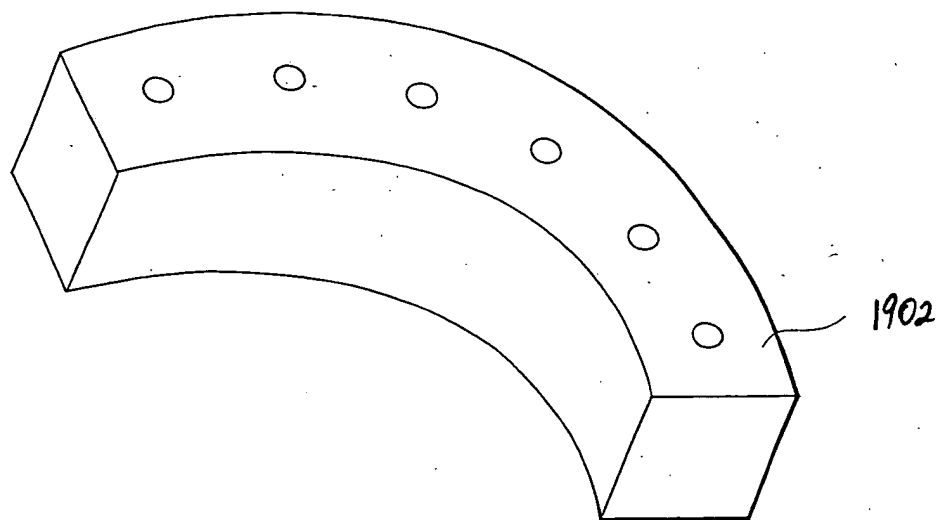


FIG. 19

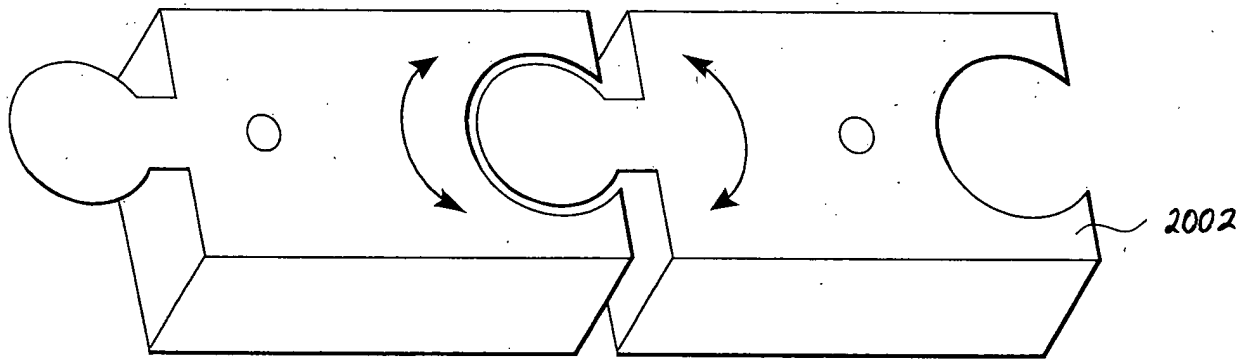


FIG. 20

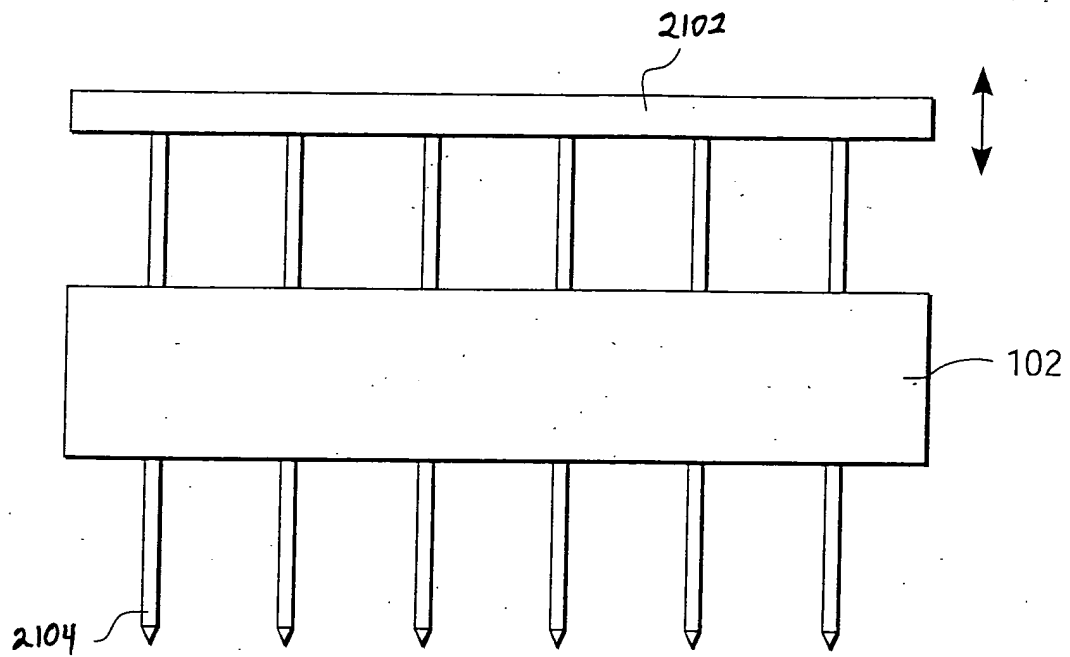


FIG. 21

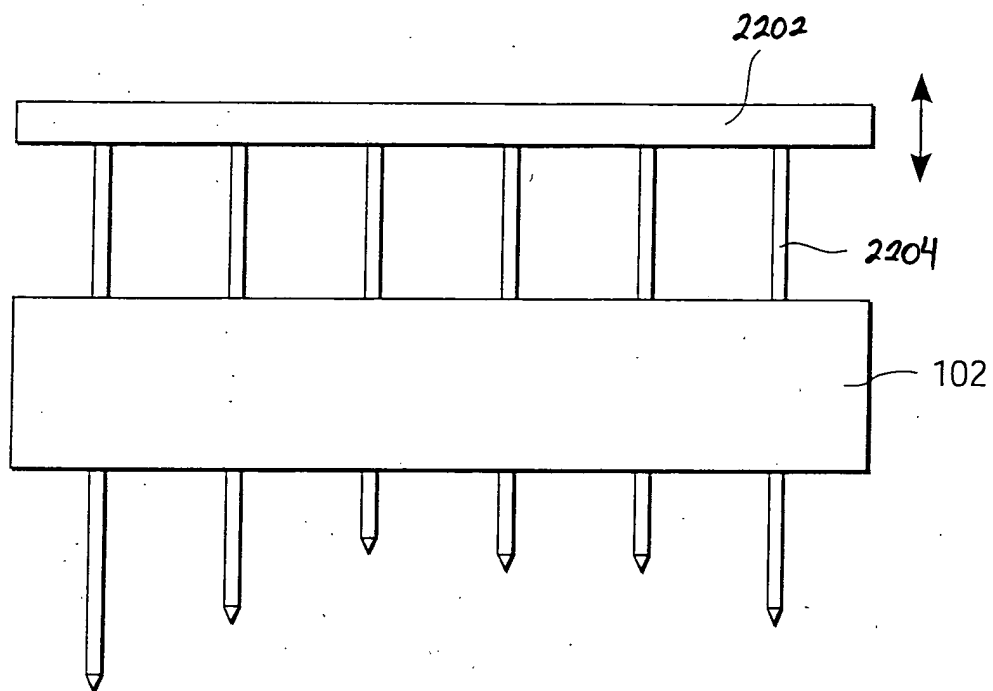


FIG. 22

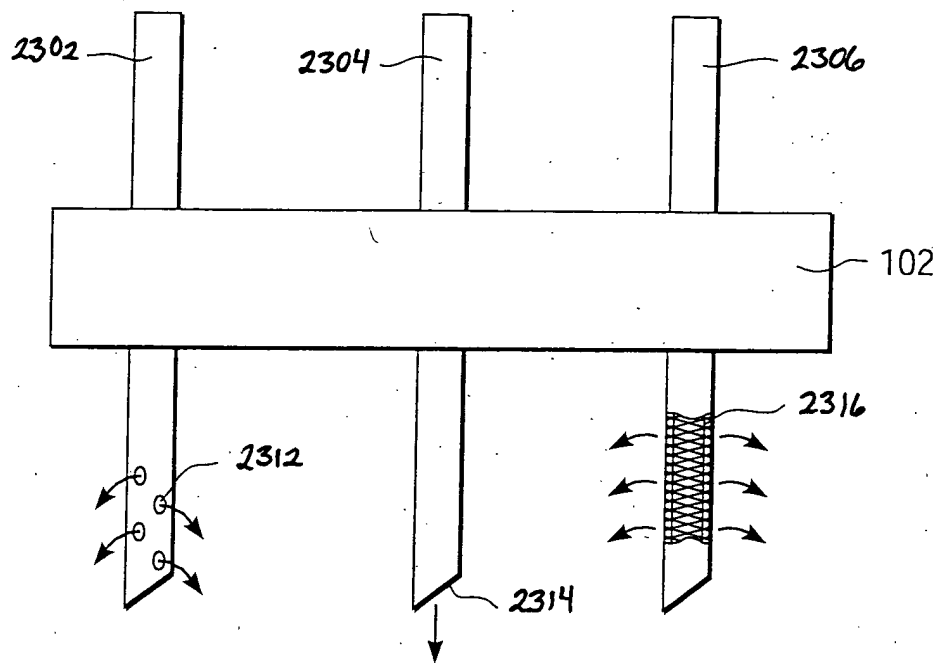


FIG. 23

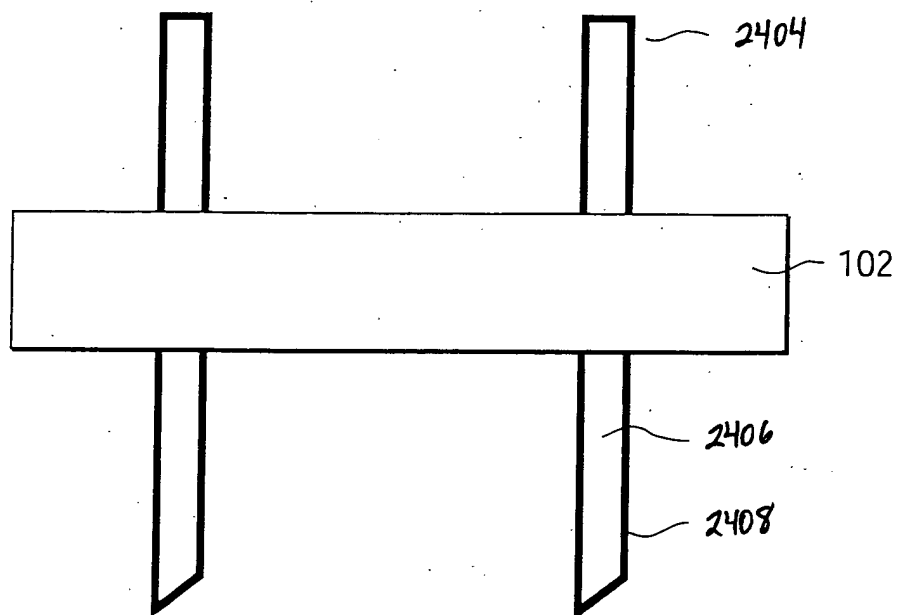


FIG. 24